

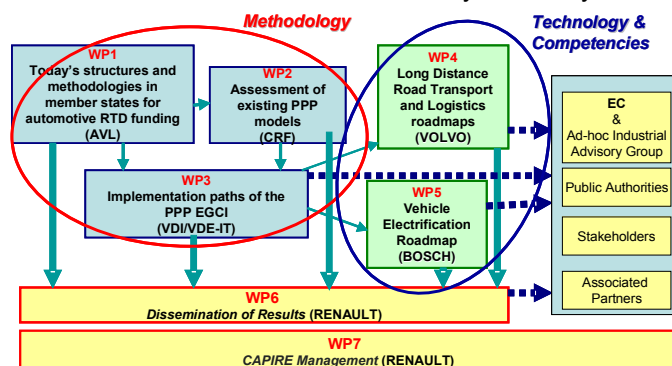
## NEWSLETTER ISSUE 1 – FEBRUARY 2012

### EDITORIAL

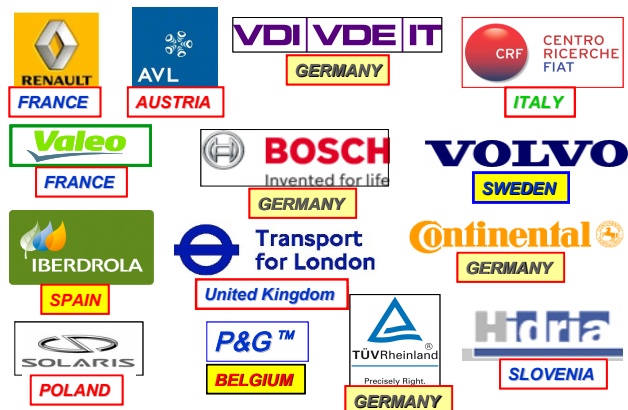
The coordination Action CAPIRE is intended to support the implementation of the European Green Cars Initiative PPP within FP8 and beyond, on both Methodology and Technology axis.

Divided into 7 Work-packages as shown in the picture below, Capire focuses on the improvement of the competitiveness of European Automotive Industry in the domain of energy efficient, safe, non-polluting and CO<sub>2</sub>-free vehicles at the global scale. This strategy is applied into the three pillars of the EGCI:

- Passenger cars and LCV, by accelerating the electrification of vehicles as well as the deployment of the dedicated infrastructure for the connection to CO<sub>2</sub>-free energy sources,
- Trucks and Buses: to improve overall efficiency of road transport vehicles by the development of more effective vehicles, standardized load carriers and supporting ITS/ICT systems,
- Logistics, by increasing the efficiency of goods transport by optimizing loading rate of trucks and the use of Electric Vehicles for city's delivery.



The Capire Consortium includes 14 partners and is led by RENAULT



CAPIRE started on 1st December 2010. It is funded by the European Commission's Directorate General RTD and is due to end by the end of November 2014.

In this first annual Newsletter, we will try to inform you about the main results and achievements of CAPIRE and will invite you to consult our [website](http://www.capire.eu).

We wish you a pleasant reading!

**Gonzalo HENNEQUET & Emma BRIEC**  
On behalf of all the CAPIRE Consortium Partners

### ACHIEVEMENTS IN 2011

The [Workshop on Electric Vehicles and related Business models](#) was the first Capire international event. It took place at Cass Business School of London on February 7, 2011, and was mainly dedicated to promote the first block of MBA Market Studies and Business Models hosted into WP5 “Electrification Roadmaps & Recommendations”.

The [Capire Website](#) is available since March 2011 as scheduled in the Capire Master Planning.

The first CAPIRE [Workshop on “Developing the concepts for an European Green Cars Initiative PPP in FP8”](#) was held in Brussels on April 7th, 2011, under the joint organization of the Work-packages 1, 2 & 3. The principal points of discussion with respect to the future implementation of a Green Cars PPP in FP8 were:

- Assessment of the current PPPs models in terms of speed, flexibility and efficiency
- Experience of different governance models and the division of roles between EC, Industry & Member States
- Involvement of the different stakeholders involved in the PPP regarding advice, agenda setting, calls, projects, evaluations, etc.

The workshop's participants concluded that:

- The implementation of the GC PPP in FP8 may require the creation of a legal body
- The focus of GC must remain on technical progress without increasing the administrative burden
- Mobility & Transport must be recognized as one of the Grand Societal Challenges for FP8

CAPIRE was involved in the [High Level Event “European Green Cars Initiative”](#) at the European Parliament - Brussels on May 31st, 2011 and co-organized with both the STOA and the Coordination Action ICT4FEV the “Workshop “Portfolio of the European Green Cars Projects“. The pictures below show Neelie KROES, Vice President of the European Commission - Commissioner for the Digital Agenda and Máire Geoghegan-Quinn, Commissioner for Research, Innovation and Science visiting the EGCI Exhibition and discussing with leaders of the EU Automotive Industry



The four European Technology Platforms cooperating into the Industrial Advisory Group of the European Green Cars Initiative organized the event jointly: ERTRAC, EPoSS, SmartGrids and EIRAC.

[CAPIRE Workshop on Future City Logistics](#). This WS took place at Transport for London premises in Greenwich-London on September 28, 2011. After the Keynote presentation & case studies, four brainstorming sessions (using the Six Thinking Hats Approach) were conducted on the following themes:

- Hubs and Systems,
- Electric Charging Infrastructure to facilitate the use of electric/electrified vehicles,
- Green Corridors in cities,
- Traffic Congestion Management.

From October 12, 2011 the CAPIRE started common work with ERTRAC experts on the development of the [“Infrastructure for Green Vehicles”](#).

CAPIRE project was presented at the Green Cars Conference 2011 “Proyectos en Marcha” – Valladolid, October 5 2011.

CAPIRE project was presented at the EEVC Conference – Brussels on October 26 2011.

The CSA ICT4FEV & CAPIRE co-organized the Joint EC / European Green Cars Initiative Experts Workshop 2011 [“Europe’s Strengths, Competencies and Job Opportunities in Electric Vehicle Battery Manufacturing”](#), that was held in Brussels on December 7, 2011.



Focus of the workshop was current European activities related to research, development and innovation in the domain of manufacturing of batteries for the electric vehicle. The approaches and first results of all collaborative research projects on batteries funded under the European Green Cars Initiative were presented either orally or on posters. Furthermore, relevant pilot actions for battery cell and system manufacturing from select regions in Europe were reviewed. Finally, opportunities for Europe to create added value by promoting joint research, linking pilots, and establishing new innovation flagships have been considered.

The invited experts included the coordinators of European collaborative research projects on batteries, leaders of major pilot activities for battery manufacturing, representatives of European companies from the field of energy storage cell and battery technology as well as research institutions and all involved Directorates General of the European Commission.

The Workshop was jointly opened by Wolfgang Steiger from Volkswagen, the chairman of ERTRAC and the EGCI Advisory Group and Herbert von Bose, Director Industrial Technologies of the European Commission. The regional and global dimensions of the workshop topic were considered by Xabier Garmendia, Vice-Minister of Industry and Energy, Basque Government (Spain), and by Setsuko Wakabayashi from NEDO in their keynote speeches giving an overview on EV strategies, status and future opportunities in the Basque country and Japan, respectively.

Three dedicated sessions were held on the following themes:

- Session 1: Strengths and Competences
- Session 2: Manufacturing and Regional Dimension
- Session 3: Coordination and Standardization

EU funded EV battery projects with a focus on fundamental research were presented on posters, and a brochure with abstracts of all current projects of the PPP European Green Cars Initiative was distributed.

The workshop was closed by Dirk Beernaert, Head of Unit Microsystems of the European Commission summarizing conclusions of the workshop and providing feedback from the European Commission to the industry on the topics raised in the workshop. He also reported the current status of the future framework programme Horizon 2020.

CAPIRE conducted the “EGCI Electrification Roadmap update” and has launched, from December 2011 to February 14 2012, the consultation within EGCI, EPOSS and Smartgrids Stakeholders. The draft of this roadmap can be accessed by clicking on [this link](#).

## DELIVERABLES

In 2011 the CAPIRE Team produced and submitted the following deliverables:

- D4.1 - Vehicle Technologies Roadmap & Recommendations for Long Distance Trucks and relates Annexes,
- D4.2 - Logistics Roadmap & Recommendations & related Annexes,
- D5.1 - DRAFT EV Technologies Roadmap update & Recommendations,
- D5.3 – EV Market Simulations and related Annexes,

Early 2012 the Capire’s Work-package 1 team delivered the following reports:

- D1.1 - European Programme Analysis for Collaborative Transport RTD
- D1.3 - Review of European and national research pro-grammes for Collaborative Transport RTD – Analysis of a survey among European innovation and project managers

To consult the “PDF” documents click on [this link](#).

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